

U. S. TREASURY DEPARTMENTHENRY MORGENTHAU, JR., *Secretary***PUBLIC HEALTH SERVICE**THOMAS PARRAN, *Surgeon General***THE NOTIFIABLE DISEASES****PREVALENCE IN STATES****1937**

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THOMAS PARRAN, *Surgeon General*

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It contains (1) current information regarding the prevalence and geographic distribution of communicable diseases in the United States insofar as data are obtainable, and of cholera, plague, smallpox, typhus fever, yellow fever, and other important communicable diseases throughout the world; (2) articles relating to the cause, prevention, and control of disease; (3) other pertinent information regarding sanitation and the conservation of the public health.

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(II)

THE NOTIFIABLE DISEASES

PREVALENCE DURING 1937 IN STATES

The tables which appear on the following pages have been compiled from data furnished by the health officers of the several States and the District of Columbia. The data for syphilis and gonorrhoea were furnished by the Division of Venereal Diseases of the Public Health Service. The figures for Rocky Mountain spotted fever and typhus fever have been supplemented by reports received from other sources.

The following is a list of the diseases included:

Typhoid fever (1) and paratyphoid fever (2)	Rabies in animals
Typhus fever (3)	Rabies in man (21)
Undulant fever (5)	Tuberculosis (respiratory system and all forms) (23-32)
Smallpox (6)	Syphilis (34)
Measles (7)	Gonorrhoea (35)
Scarlet fever (8)	Yellow fever (37)
Whooping cough (9)	Malaria (38)
Diphtheria (10)	Chickenpox (44a)
Influenza (11)	Delgue (part 44c)
Cholera (12)	Mumps (part 44c)
Dysentery (amoebic) (13a)	Rocky Mountain spotted fever (part 44c)
Plague (14)	Tularaemia (part 44c)
Poliomyelitis (16)	Pellagra (62)
Encephalitis, epidemic or lethargic (17)	Pneumonia (all forms) (107-109)
Meningococcus meningitis (18)	Septic sore throat (115a)
Anthrax (20)	

NOTE.—Figures in parentheses are disease title numbers from the International List of Causes of Death, 1929.

Morbidity reports for 1937 were received from all the States (including the District of Columbia), and mortality data were received from all States except Maine and New Hampshire. The mortality figures for these States are those published by the Bureau of the Census.

Referring to the case rates and death rates it will be noted that the numbers of States included in the various morbidity and mortality items in the summary differ with the different diseases and also with certain items presented under a particular disease. Cases of some diseases are not reported by some States, or are incompletely reported, while certain States report more deaths from some diseases than cases. In such instances the cases are not recorded and no case fatality rates are computed.

The populations given in the tables and used in computing case and death rates were estimated as of July 1, 1937, by the Bureau of the Census.

The estimated expectancy, given in the summary for some of the diseases, is the result of an attempt to ascertain from the experience of recent years how many cases of the disease under consideration might be expected in 1937. The estimated expectancy is the median number of cases reported for the years 1930 to 1936, inclusive.

In comparing the figures for 1937 with the estimated expectancy, or with reports for preceding years, it should be borne in mind that there has been a gradual improvement in the reporting of notifiable diseases. An increase in the number of cases reported may be due to better reporting of the particular disease rather than to an increase in the number of cases occurring.

A relatively large number of reported cases of a notifiable disease, as indicated by a high case rate (and more especially when accompanied by a relatively small number of deaths), usually means that the health department of that State is active and that the cases of the disease are being well reported by the practicing physicians. It does not necessarily mean that the disease is more prevalent in that State than in other States.

In some instances comparatively large numbers of cases of diseases reported in certain States may be due to the system of reporting rather than to unusual prevalence of the diseases. For instance, in Mississippi physicians report some diseases monthly to the State health officer, giving the number of cases occurring in their practice during the month. This method of reporting probably is responsible in part, at least, for the comparatively large numbers of cases of certain diseases reported in Mississippi.

Tabulations of reported cases of, and deaths from, notifiable diseases, have been issued by the United States Public Health Service since 1912. (Reprints numbered 163, 208, 298, 345, 426, 505, 551, 643, 681, 791, 879, 974, 1056, and 1132, and supplements numbered 67, 73, 79, 88, 104, 105, 109, 112, 118, 119, and 134.)

SUMMARY

TYPHOID FEVER (1) AND PARATYPHOID FEVER (2)*

48 States:		
Cases reported, 1937 (population 129,257,000)	16,033	48 Sta
Estimated expectancy based on years 1930-36	21,316	C
Cases per 1,000 inhabitants, 1937	0.124	E
Cases per 1,000 inhabitants, estimated expectancy	0.169	C
Deaths registered, 1937	2,695	D
Deaths per 1,000 inhabitants, 1937	0.021	D
Cases reported for each death registered, 1937	6	C

SMALLPOX (6)

48 States:		
Cases reported, 1937 (population 129,257,000)	11,673	48 Sta
Estimated expectancy based on years 1930-36	8,487	D
Cases per 1,000 inhabitants, 1937	0.090	D
Cases per 1,000 inhabitants, estimated expectancy	0.067	C
Deaths registered, 1937	30	29 Sta
Deaths per 1,000 inhabitants, 1937	0.0002	C
Cases reported for each death registered, 1937	389	28 Sta

MEASLES (7)

48 States:		
Cases reported, 1937 (population 129,257,000)	321,510	47 Sta
Cases per 1,000 inhabitants, 1937	2,487	D
Deaths registered, 1937	1,395	D
Deaths per 1,000 inhabitants, 1937	0.011	C
Cases reported for each death registered, 1937	230	28 Sta

SCARLET FEVER (8)

48 States:		
Cases reported, 1937 (population 129,257,000)	228,887	43 Sta
Estimated expectancy based on years 1930-36	198,250	C
Cases per 1,000 inhabitants, 1937	1,771	E
Cases per 1,000 inhabitants, estimated expectancy	1,576	C
Deaths registered, 1937	1,765	D
Deaths per 1,000 inhabitants, 1937	0.014	D
Cases reported for each death registered, 1937	130	C

WHOOPING COUGH (9)

48 States:		
Cases reported, 1937 (population 129,257,000)	214,652	45 Sta
Estimated expectancy based on years 1930-36	173,658	D
Cases per 1,000 inhabitants, 1937	1,661	D
Cases per 1,000 inhabitants, estimated expectancy	1,381	C
Deaths registered, 1937	4,929	C
Deaths per 1,000 inhabitants, 1937	0.038	D
Cases reported for each death registered, 1937	44	D

DIPHTHERIA (10)

48 States:		
Cases reported, 1937 (population 129,257,000)	28,536	46 Sta
Estimated expectancy based on years 1930-36	45,553	C
Cases per 1,000 inhabitants, 1937	0.221	C
Cases per 1,000 inhabitants, estimated expectancy	0.362	C
Deaths registered, 1937	2,615	D
Deaths per 1,000 inhabitants, 1937	0.020	D
Cases reported for each death registered, 1937	11	C

INFLUENZA (11)

48 States:		
Deaths registered, 1937 (population 129,257,000)	39,198	48 Sta
Deaths per 1,000 inhabitants, 1937	0.303	D
42 States:		
Cases reported, 1937 (population 95,285,000)	446,239	36 Sta
Cases per 1,000 inhabitants, 1937	4,683	C
Deaths registered, 1937	32,983	C
Deaths per 1,000 inhabitants, 1937	0.346	D
Cases reported for each death registered, 1937	14	C

DYSENTERY (AMOEBIC) (13A)

44 States:		
Deaths registered, 1937 (population 123,900,000)	350	48 Sta
Deaths per 1,000 inhabitants, 1937	0.003	C
30 States:		
Cases reported, 1937 (population 84,694,000)	2,045	Esti
Cases per 1,000 inhabitants, 1937	0.024	Case
27 States:		
Cases reported, 1937 (population 79,847,000)	2,025	Case
Cases per 1,000 inhabitants, 1937	0.025	Case
Deaths registered, 1937	254	Death
Deaths per 1,000 inhabitants, 1937	0.003	Death
Cases reported for each death registered, 1937	8	Case

*Figures in parentheses in the subheadings are disease title numbers from the International List of Causes of Death, 1929.

¹ The District of Columbia is also included.

POLIOMYELITIS (16)

48 States: 1		
Cases reported, 1937 (population 129,257,000)	9,511	
Estimated expectancy based on years 1930-36	4,208	
Cases per 1,000 inhabitants, 1937	0.074	
Cases per 1,000 inhabitants, estimated expectancy	0.033	
Deaths registered, 1937	1,433	
Deaths per 1,000 inhabitants, 1937	0.011	
Cases reported for each death registered, 1937	7	

ENCEPHALITIS (EPIDEMIC OR LETHARGIC) (17)

46 States: 1		
Deaths registered, 1937 (population 127,891,000)	932	
Deaths per 1,000 inhabitants, 1937	0.007	
29 States: 1		
Cases reported, 1937 (population 79,827,000)	956	
Cases per 1,000 inhabitants, 1937	0.012	
28 States: 1		
Cases reported, 1937 (population 78,971,000)	955	
Cases per 1,000 inhabitants, 1937	0.012	
Deaths registered, 1937	600	
Deaths per 1,000 inhabitants, 1937	0.008	
Cases reported for each death registered, 1937	2	

MENINGOCOCCUS MENINGITIS (18)

47 States: 1		
Deaths registered, 1937 (population 129,022,000)	2,183	
Deaths per 1,000 inhabitants, 1937	0.017	
44 States: 1		
Cases reported, 1937 (population 126,388,000)	5,484	
Estimated expectancy based on years 1930-36	4,127	
Cases per 1,000 inhabitants, 1937	0.043	
Cases per 1,000 inhabitants, estimated expectancy	0.034	
43 States: 1		
Cases reported, 1937 (population 126,153,000)	5,473	
Estimated expectancy based on years 1930-36	4,108	
Cases per 1,000 inhabitants, 1937	0.043	
Cases per 1,000 inhabitants, estimated expectancy	0.033	
Deaths registered, 1937	2,151	
Deaths per 1,000 inhabitants, 1937	0.017	
Cases reported for each death registered, 1937	3	

TUBERCULOSIS (RESPIRATORY SYSTEM) (23)

45 States: 1		
Deaths registered, 1937 (population 127,086,000)	61,345	
Deaths per 1,000 inhabitants, 1937	0.483	

TUBERCULOSIS (ALL FORMS) (23-32)

48 States: 1		
Deaths registered, 1937 (population 129,257,000)	68,865	
Deaths per 1,000 inhabitants, 1937	0.533	

SYPHILIS (34)

46 States: 1		
Cases reported, 1937 (population 128,921,000)	425,062	
Cases per 1,000 inhabitants, 1937	3,297	

GONORRHEA (35)

46 States: 1		
Cases reported, 1937 (population 128,921,000)	200,657	
Cases per 1,000 inhabitants, 1937	1,556	

MALARIA (38)

48 States: 1		
Deaths registered, 1937 (population 129,257,000)	2,700	
Deaths per 1,000 inhabitants, 1937	0.021	
36 States:		
Cases reported, 1937 (population 114,416,000)	107,583	
Cases per 1,000 inhabitants, 1937	0.940	
Deaths registered, 1937	2,580	
Deaths per 1,000 inhabitants, 1937	0.023	
Cases reported for each death registered, 1937	42	

CHICKENPOX (44A)

48 States: 1		
Cases reported, 1937 (population 129,257,000)	281,107	
Estimated expectancy based on years 1930-36	239,130	
Cases per 1,000 inhabitants, 1937	2,175	
Cases per 1,000 inhabitants, estimated expectancy	1,901	
Deaths registered, 1937	116	
Deaths per 1,000 inhabitants, 1937	0.001	
Cases reported for each death registered, 1937	2,423	

¹ The District of Columbia is also included.

MUMPS (PART 44C)

46 States: ¹		
Deaths registered, 1937 (population 125,334,000)	60	
Deaths per 1,000 inhabitants, 1937	0.0005	
45 States:		
Cases reported, 1937 (population 109,527,000)	153,380	
Estimated expectancy based on years 1930-36	108,302	
Cases per 1,000 inhabitants, 1937	1.400	
Cases per 1,000 inhabitants, estimated expectancy	1.017	
43 States:		
Cases reported, 1937 (population 105,604,000)	152,307	
Estimated expectancy based on years 1930-36	106,296	
Cases per 1,000 inhabitants, 1937	1.442	
Cases per 1,000 inhabitants, estimated expectancy	1.035	
Deaths registered, 1937	57	
Deaths per 1,000 inhabitants, 1937	0.0005	
Cases reported for each death registered, 1937	2.672	

PELLAGRA (62)

48 States: ¹		
Deaths registered, 1937 (population 129,257,000)	3,162	
Deaths per 1,000 inhabitants, 1937	0.024	

PNEUMONIA (ALL FORMS) (107-109)

48 States: ¹		
Deaths registered, 1937 (population 129,257,000)	110,058	
Deaths per 1,000 inhabitants, 1937	0.852	
25 States: ¹		
Cases reported, 1937 (population 72,933,000)	² 119,613	
Cases per 1,000 inhabitants, 1937	² 1,640	
Deaths registered, 1937	60,861	
Deaths per 1,000 inhabitants, 1937	0.834	
Cases reported for each death registered, 1937	2	

SEPTIC SORE THROAT (115A)

43 States: ¹		
Deaths registered, 1937 (population 114,263,000)	2,282	
Deaths per 1,000 inhabitants, 1937	0.020	
33 States:		
Cases reported, 1937 (population 81,639,000)	6,329	
Cases per 1,000 inhabitants, 1937	0.078	
30 States:		
Cases reported, 1937 (population 71,498,000)	5,203	
Cases per 1,000 inhabitants, 1937	0.073	
Deaths registered, 1937	854	
Deaths per 1,000 inhabitants, 1937	0.012	
Cases reported for each death registered, 1937	6	

¹ The District of Columbia is also included.² Exclusive of 5,322 cases of lobar pneumonia reported in Massachusetts and 4,422 cases of lobar pneumonia reported in California.

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Cases reported, 1937, by months

Disease	Number of States ¹	January	February	March	April	May	June	July	August	September	October	November	December	Total
Typhoid fever (1) and paratyphoid fever (2)	48	586	373	519	482	681	1,250	2,939	3,031	2,571	1,822	1,086	676	4,16,033
Typhus fever (3)	20	165	59	114	137	206	335	328	315	250	192	171	171	4,2,393
Undulant fever (5)	46	163	110	148	222	239	188	272	268	282	292	281	2,675	2,675
Smallpox (2)	48	1,430	1,275	1,521	1,624	1,231	58,885	40,544	506	298	457	1,403	1,403	11,673
Measles (7)	48	19,598	23,496	42,973	52,645	58,885	40,544	14,050	14,050	14,172	3,415	3,415	3,415	4,321,510
Scarlet fever (8)	48	26,853	28,600	31,918	31,918	26,297	14,050	14,050	14,050	12,795	17,305	16,089	37,477	228,987
Whooping cough (9)	48	18,079	17,170	22,203	22,203	22,047	21,912	21,524	21,588	15,948	14,063	11,673	14,349	14,085
Diphtheria (10)	48	2,884	2,073	2,017	1,737	1,671	514	1,280	1,387	523	4,280	2,123	2,981	25,536
Influenza (11)	42	146,829	150,646	74,952	22,688	7,848	5,124	2,124	1,981	3,168	6,405	9,369	15,671	1,446,239
Dysentery (amoebic) (13a)	30	136	140	165	140	140	191	290	201	170	170	170	170	1,045
Polyomycosis (16)	48	118	73	82	98	98	346	1,441	2,234	3,194	1,263	1,263	1,263	3,174
Encephalitis, epidemic or lethargic (17)	29	55	52	66	63	55	46	45	45	236	236	236	48	1,9,511
Meningoococcal meningitis (18)	44	681	679	874	712	539	329	322	263	263	263	263	263	956
Antirax (20)	15	6	3	6	6	7	9	3	10	9	8	3	3	1,5,484
Rabies in animals	27	464	521	694	676	744	628	527	491	408	461	471	471	6,632
Rabies in man (21) (deaths)	48	1	3	4	3	4	6	5	8	6	10	3	3	4,57
Tuberculosis (respiratory system) (23)	15	3,758	3,327	4,433	4,161	4,100	4,364	4,342	3,866	3,777	4,358	3,755	3,755	47,555
Tuberculosis (all forms) (23-32)	33	7,494	7,243	8,623	8,713	9,004	8,722	9,172	8,279	7,799	8,301	7,463	6,961	1,97,870
Syphilis (34)	46	26,126	26,077	33,937	32,742	36,593	35,823	40,079	35,809	38,321	44,136	30,307	36,112	425,062
Gonorrhoea (35)	46	15,524	13,307	16,037	14,848	15,642	17,254	18,903	18,916	18,835	18,105	16,819	16,819	200,657
Malaria (38) (44a)	36	3,925	2,759	4,069	6,137	6,928	13,214	16,827	16,701	14,653	10,945	4,937	3,617	2,107,533
Chickenpox (44a)	48	38,852	30,180	38,432	32,714	23,135	6,275	1,989	2,188	2,188	2,188	2,188	2,188	281,107
Dengue (part 44c)	7	37	63	25	44	14	30	22	14	14	19	13	13	350
Mumps (part 44c)	45	17,666	18,517	25,813	25,022	20,158	12,931	4,501	2,652	2,788	4,624	7,949	11,351	1,53,380
Rocky Mountain spotted fever (part 44c)	30	196	1	5	5	59	39	47	60	53	19	2	6	7
Tularemia (part 44c)	31	445	574	888	1,339	1,642	1,595	945	800	32	34	63	246	960
Pellagra (62)	23	243	18,145	16,673	12,060	8,762	5,684	3,923	3,191	3,574	5,891	7,266	11,190	4,116,613
Pneumonia (all forms) (107-109)	25	522	649	669	700	700	444	335	335	511	456	538	538	6,329

¹ The District of Columbia is also included.

² The following numbers of cases of certain diseases are not distributed by months but are included in the totals of the above table: Typhoid fever and paratyphoid fever; typhus fever; 26; measles, 15; whooping cough, 1; influenza, 54; poliomyelitis, 1; meningococcal meningitis, 2; tuberculosis (all forms), 96; malaria, 1; Rocky Mountain spotted fever, 16; pneumonia (all forms), 11.

³ Exclusive of New York City.

⁴ Exclusive of 5,322 cases of lobar pneumonia only, reported in Massachusetts by months as follows: January, 843; February, 964; March, 790; April, 646; May, 434; June, 247; July, 183; August, 120; September, 107; October, 308; November, 269; December, 123; also 4,422 cases of lobar pneumonia only reported in California by months as follows: January, 753; February, 874; March, 620; April, 337; May, 294; June, 253; July, 140; August, 133; September, 174; October, 186; November, 233; December, 425.

Note.—Figures in parentheses are disease title numbers from the International List of Causes of Death, 1929.

Deaths registered, 1937, by months

Disease	Number of States ¹	January	February	March	April	May	June	July	August	September	October	November	December	Total
Typhoid fever (1) and paratyphoid fever (2)	48	136	91	95	100	132	100	408	458	300	216	138	* 2,695	
Typhus fever (3)	48	12	10	9	3	12	17	19	16	9	12	9	15	142
Undulant fever (5)	48	6	5	8	10	8	6	8	11	4	13	1	1	93
Smallpox (6)	48	2	4	2	6	4	1	3	2	1	2	3	3	30
Measles (7)	48	85	130	203	196	138	111	62	44	35	34	53	91	* 1,385
Scarlet fever (8)	48	275	249	246	229	163	115	60	44	51	85	108	120	11,765
Whooping cough (9)	48	318	385	399	356	392	444	625	556	401	380	281	365	14,929
Diphtheria (10)	48	9,169	10,598	7,135	3,538	1,675	99	109	234	338	412	329	12,615	
Influenza (11)	48	29	24	20	23	19	49	49	508	479	904	1,310	2,254	* 39,198
Dysentery (amoebic) (13a)	48	41	28	29	33	27	70	202	330	340	32	21	20	350
Poliomyelitis (16)	46	67	91	76	59	66	63	60	84	145	85	66	11,433	
Encephalitis, epidemic or lethargic (17)	47	286	281	356	314	191	120	115	68	66	103	109	131	932
Meningoococcal meningitis (18)	48	2	1	3	4	3	4	1	10	10	10	10	10	1,183
Anthrax (20)	48	5,546	5,583	5,863	5,575	5,631	4	6	8	10	3	4	4	57
Rabies in man (21)	48	6,174	6,180	6,447	6,263	6,232	5,686	4,902	4,600	4,418	4,530	4,766	4,61,345	
Tuberculosis (respiratory system) (23)	48	114	96	116	182	116	182	233	352	434	5,064	5,111	5,338	* 68,805
Tuberculosis (all forms) (23-32)	48	12	17	18	17	6	13	4	4	1	357	199	131	* 2,700
Malaria (38)	48	80	96	116	116	116	116	116	116	116	116	116	116	116
Chickenpox (44a)	48	5	6	5	12	10	3	2	2	3	2	2	3	3
Dengue (part 44c)	48	4	4	2	1	2	1	5	4	4	1	1	1	60
Mumps (part 44c)	48	214	213	250	245	266	328	345	297	257	272	212	212	* 3,162
Rocky Mountain spotted fever (Part 44c)	48	18,241	16,607	13,856	11,222	7,806	4,587	3,837	3,497	3,794	6,499	7,594	11,302	* 110,068
Tularemia (part 44c)	48	191	188	224	217	235	178	161	169	150	133	172	195	2,282
Pellagra (62)	48	107-108												
Pneumonia (all forms)	43													
Septic sore throat (115a)	43													

¹ The District of Columbia is also included.

The following numbers of deaths from certain diseases are not distributed by months but are included in the totals of the above table: Typhoid fever and paratyphoid fever, 21; undulant fever, 2; measles, 5; scarlet fever, 1; whooping cough, 47; diphtheria, 11; influenza, 40^a; poliomyelitis, 18; meningococcal meningitis, 18; tuberculosis (respiratory system), 365; tuberculosis (all forms), 430; malaria, 1; mumps, 3; pelagra, 3; pneumonia (all forms), 1,226.

NOTE.—Figures in parentheses are disease title numbers from the International List of Causes of Death, 1929.

Main
New
Verm
Mass
Rhode
Conn
Wisc
New
Penn

Ohio
Indi
Illino
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Minn
Iowa
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North
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Nebr
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Mary
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George
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Kent
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Alaba
Mississ

Arkans
Louis
Oklah
Texas

Monta
Idaho
Wyom
Colora
New M
Arizona
Utah
Nevad

Washin
Oregon
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Nov
1929.

Cases and deaths reported, 1937, by States

State	Population (in thou-sands)	Typhoid fever (1) and para-typhoid fever (2)		Typhus fever (3)		Undu-lant fever (5)		Smallpox (6)		Measles (7)		Scarlet fever (8)		Deaths
		Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	
NEW ENGLAND														
Maine.....	856	111	16	0	28	0	0	1,165	2	867	5			
New Hampshire.....	510	12	5	0	4	0	0	2,145	3	474	6			
Vermont.....	383	38	2	1	44	1	1	0	1,159	0	466	1		
Massachusetts.....	4,426	114	15	1	0	43	2	0	0	21,136	28	8,480	38	
Rhode Island.....	681	23	1	0	16	0	0	0	5,432	3	1,878	11		
Connecticut.....	1,741	84	6	4	74	1	0	0	10,250	13	3,870	11		
MIDDLE ATLANTIC														
New York.....	12,959	657	63	18	2	190	3	72	1	27,671	57	25,814	98	
New Jersey.....	4,343	198	27	2	1	67	0	0	0	46,130	55	5,533	16	
Pennsylvania.....	10,176	856	112	0	91	3	0	0	46,087	85	22,221	157		
EAST NORTH CENTRAL														
Ohio.....	6,733	821	104	0	66	2	118	2	24,088	102	13,034	128		
Indiana.....	3,474	156	40	1	20	3	601	3	7,423	15	6,659	106		
Illinois.....	7,878	542	61	2	1	107	2	919	0	12,432	25	21,525	160	
Michigan.....	4,830	280	31	0	78	0	152	1	6,154	11	24,798	146		
Wisconsin.....	2,926	93	11	0	94	4	207	0	2,220	6	9,923	67		
WEST NORTH CENTRAL														
Minnesota.....	2,652	99	6	0	89	5	671	3	727	7	5,612	47		
Iowa.....	2,552	127	23	0	137	1	1,316	2	279	4	7,860	106		
Missouri.....	3,989	699	168	0	34	4	1,751	5	6,534	19	11,825	103		
North Dakota.....	706	35	3	0	1	0	735	0	262	0	1,357	9		
South Dakota.....	692	37	5	0	2	1	176	1	120	0	2,106	20		
Nebraska.....	1,364	27	14	0	2	0	169	0	468	4	2,164	36		
Kansas.....	1,864	183	17	0	82	8	604	0	930	3	8,977	65		
SOUTH ATLANTIC														
Delaware.....	261	34	6	0	0	0	0	0	1,801	4	317	1		
Maryland.....	1,679	327	31	11	44	2	0	0	12,229	38	2,059	15		
District of Columbia.....	627	70	12	0	1	0	0	0	2,118	13	548	5		
Virginia.....	2,706	579	57	5	2	37	2	6	0	8,825	82	1,255	9	
West Virginia.....	1,865	350	82	0	7	2	18	0	2,126	42	2,725	35		
North Carolina.....	3,492	509	79	70	7	26	3	11	0	7,937	40	2,073	17	
South Carolina.....	1,875	637	121	101	4	14	1	15	0	2,607	17	457	7	
Georgia.....	3,085	737	139	1,046	54	58	1	15	0	927	10	937	11	
Florida.....	1,670	133	48	121	12	37	3	7	0	635	5	377	2	
EAST SOUTH CENTRAL														
Kentucky.....	2,920	790	164	1	0	30	3	76	0	7,128	78	2,341	47	
Tennessee.....	2,893	763	141	22	1	10	3	39	0	2,988	37	1,338	21	
Alabama.....	2,895	317	52	480	19	48	2	48	0	601	6	658	13	
Mississippi.....	2,023	349	77	15	1	23	1	23	1	9,901	60	447	3	
WEST SOUTH CENTRAL														
Arkansas.....	2,048	652	137	0	30	0	97	0	374	2	744	5		
Louisiana.....	2,132	678	134	23	1	56	5	19	0	470	17	523	14	
Oklahoma.....	2,548	621	128	1	0	505	3	116	1	1,203	20	1,664	33	
Texas.....	6,172	1,832	373	453	35	198	13	166	0	14,768	181	4,378	41	
MOUNTAIN														
Montana.....	539	96	11	0	9	1	898	2	656	4	1,328	11		
Idaho.....	493	63	9	0	14	1	371	2	1,375	14	989	9		
Wyoming.....	235	19	2	0	1	0	160	0	96	1	616	9		
Colorado.....	1,071	87	30	0	5	0	215	1	1,183	8	1,585	22		
New Mexico.....	422	295	26	0	8	1	18	0	2,534	46	995	7		
Arizona.....	412	111	20	0	0	0	4	0	4,222	177	549	6		
Utah.....	519	23	3	0	5	0	51	0	3,376	4	1,917	9		
Nevada.....	101	4	0	0	7	0	3	0	223	0	254	2		
PACIFIC														
Washington.....	1,658	120	13	0	26	2	478	0	1,798	13	1,565	17		
Oregon.....	1,027	101	11	0	19	1	630	2	422	1	1,396	11		
California.....	6,154	544	59	16	0	188	1	697	3	6,175	33	9,409	47	
Total.....	129,257	16,033	2,695	2,393	142	2,675	93	11,673	30	321,510	1,395	228,887	1,765	

NOTE.—Figures in parentheses are disease title numbers from the International List of Causes of Death, 1929.

CHOLERA (12)

No case of cholera or death from this disease was reported in continental United States during the year 1937.

PLAQUE (HUMAN) (14)

During the year 1937, 1 fatal case of plague was reported in California and 1 case with no death was reported in Nevada.

No case of human plague was reported during the year 1937 in the Territory of Hawaii.

Cases and deaths reported, 1937, by States—Continued

State	Whooping cough (9)		Diphtheria (10)		Influenza (11)		Dysentery (amoebic) (13a)		Poliomyelitis (16)		Encephalitis, epidemic or lethargic (17)	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
NEW ENGLAND												
Maine.....	1,925	31	48	6	4,016	326	1	—	135	17	1	—
New Hampshire.....	343	16	13	5	165	—	—	—	25	1	—	—
Vermont.....	1,293	5	42	2	206	130	—	0	38	3	—	0
Massachusetts.....	13,333	95	175	18	432	3	2	349	22	19	14	—
Rhode Island.....	1,735	21	38	3	166	76	—	0	21	1	2	0
Connecticut.....	2,530	27	264	24	4,942	210	4	0	104	9	9	8
MIDDLE ATLANTIC												
New York.....	18,664	173	1,387	80	—	1,314	76	14	636	57	108	85
New Jersey.....	5,556	48	550	29	1,788	444	11	1	160	23	25	25
Pennsylvania.....	20,045	274	1,545	100	—	2,813	—	5	336	47	—	85
EAST NORTH CENTRAL												
Ohio.....	13,672	290	1,276	104	4,529	2,039	—	21	533	56	—	61
Indiana.....	2,605	160	750	58	3,820	1,179	—	7	146	27	—	18
Illinois.....	7,906	149	1,671	153	3,597	1,331	74	14	780	76	103	36
Michigan.....	11,426	132	842	71	—	855	25	0	421	50	—	10
Wisconsin.....	8,407	63	189	25	8,860	700	8	0	292	37	—	16
WEST NORTH CENTRAL												
Minnesota.....	4,844	74	369	13	991	654	39	3	355	51	33	26
Iowa.....	1,698	89	179	10	8,875	871	1	0	241	40	15	15
Missouri.....	5,077	186	1,205	92	15,986	1,372	—	6	393	76	190	149
North Dakota.....	1,038	14	58	3	1,233	187	—	0	7	0	7	4
South Dakota.....	592	27	37	5	1,552	298	—	0	37	7	27	8
Nebraska.....	587	28	109	16	601	594	3	3	218	44	21	13
Kansas.....	3,420	45	374	24	18,378	686	13	4	246	34	77	24
SOUTH ATLANTIC												
Delaware.....	485	17	38	1	217	60	2	0	8	1	—	0
Maryland.....	4,970	99	512	21	3,454	294	12	1	82	16	20	17
District of Columbia.....	561	17	539	14	595	98	4	1	30	4	5	5
Virginia.....	4,324	238	1,294	89	32,095	1,164	7	3	68	14	23	16
West Virginia.....	3,251	251	713	89	8,322	789	—	0	68	21	—	4
North Carolina.....	7,782	171	2,055	166	1,979	878	—	7	105	20	—	16
South Carolina.....	3,387	85	721	66	33,359	847	—	2	42	13	—	6
Georgia.....	1,743	142	921	108	14,980	1,435	206	19	92	20	7	5
Florida.....	540	59	609	55	693	658	6	6	35	6	8	5
EAST SOUTH CENTRAL												
Kentucky.....	4,598	240	689	140	4,426	1,498	8	—	128	31	—	20
Tennessee.....	2,721	136	845	143	8,987	1,387	35	14	127	30	—	23
Alabama.....	1,694	195	965	97	17,167	1,514	17	14	82	17	25	20
Mississippi.....	6,558	114	499	52	76,346	1,218	1,150	22	351	59	—	12
WEST SOUTH CENTRAL												
Arkansas.....	913	122	564	113	8,428	1,137	24	21	341	90	—	12
Louisiana.....	688	147	702	71	4,159	1,158	102	80	138	20	23	6
Oklahoma.....	1,085	84	642	85	8,884	986	—	10	469	75	11	4
Texas.....	10,091	335	2,205	236	40,962	3,674	—	38	637	135	47	37

Mont
Idaho
Wyoming
Colorado
New Mexico
Arizona
Utah
Nevada
Wash
Oregon
California

Maine
Massachusetts
Connec

Wisconsin
Minnesota
Tenne

Arkans
Montana
Californ

Massac

New York
New Jersey
Pennsyl

W
Minnes
Iowa
North Dak
South Dak

Delawa

NOTE
1929.

Cases and deaths reported, 1937, by States—Continued

State	Whooping cough (9)		Diphtheria (10)		Influenza (11)		Dysentery (amoebic) (13a)		Poliomyelitis (16)		Encephalitis, epidemic or lethargic (17)	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
MOUNTAIN												
Montana.....	1,010	13	62	8	12,899	298	5	4	31	21	13	5
Idaho.....	628	16	56	6	2,048	195	1	0	15	2	10	4
Wyoming.....	487	12	14	0	471	104	0	0	40	6	2	2
Colorado.....	1,658	68	301	36	636	11	218	41	9	5	5	2
New Mexico.....	1,241	47	159	18	2,712	164	17	4	25	7	3	2
Arizona.....	554	28	205	22	8,076	274	0	25	4	11	2	2
Utah.....	1,992	13	305	7	2,800	115	0	33	7	9	9	2
Nevada.....	99	2	2	0	746	8	0	6	2	0	0	0
PACIFIC												
Washington.....	3,070	31	145	15	1,873	408	5	4	87	8	34	34
Oregon.....	1,351	24	114	9	9,048	310	26	1	63	7	13	13
California.....	20,495	276	1,538	107	60,963	1,274	149	19	690	78	95	51
Total.....	214,652	4,929	28,536	2,615	446,239	39,198	2,045	350	9,511	1,433	956	932

POLIOMYELITIS (PARALYTIC AND NONPARALYTIC)

State	Paralytic cases	Nonparalytic cases	Unspecified cases	Total cases
NEW ENGLAND				
Maine.....	106	30	—	136
Massachusetts.....	230	108	11	349
Connecticut.....	42	31	31	104
EAST NORTH CENTRAL				
Wisconsin.....	229	63	—	292
WEST NORTH CENTRAL				
Minnesota.....	263	81	11	355
EAST SOUTH CENTRAL				
Tennessee.....	120	7	—	127
WEST SOUTH CENTRAL				
Arkansas.....	341	—	—	341
MOUNTAIN				
Montana.....	22	5	4	31
PACIFIC				
California.....	438	179	73	690

ANTHRAX IN MAN (20)

State	Cases	Deaths	State	Cases	Deaths
NEW ENGLAND					
Massachusetts.....	6	0	West Virginia.....	4	0
MIDDLE ATLANTIC					
New York.....	6	1	Georgia.....	2	0
New Jersey.....	4	0	EAST SOUTH CENTRAL		—
Pennsylvania.....	9	0	Mississippi.....	7	0
WEST NORTH CENTRAL					
Minnesota.....	1	0	Louisiana.....	4	0
Iowa.....	4	0	Texas.....	7	2
North Dakota.....	1	0	PACIFIC		—
South Dakota.....	5	0	California.....	1	0
SOUTH ATLANTIC					
Delaware.....	4	0	Total.....	65	3

NOTE.—Figures in parentheses are disease title numbers from the International List of Causes of Death, 1929.

Cases and deaths reported, 1937, by States—Continued

State	Rabies in ani- mals	Rabies in man (21)	State	Rabies in ani- mals	Rabies in man (21)
	Cases	Deaths		Cases	Deaths
NEW ENGLAND					
Maine.....	6	0	West Virginia.....	43	3
Massachusetts.....	211	0	North Carolina.....	.....	1
Rhode Island.....	10	0	South Carolina.....	381	0
Connecticut.....	52	0	Georgia.....	.....	6
			Florida.....	441	2
MIDDLE ATLANTIC					
New York.....	1,62	0	SOUTH ATLANTIC—continued		
New Jersey.....	105	1	Kentucky.....	.....	5
Pennsylvania.....	.....	1	Tennessee.....	.....	2
EAST NORTH CENTRAL			Alabama.....	926	3
Ohio.....	.....	4	Mississippi.....	262	6
Indiana.....	526	4	WEST SOUTH CENTRAL		
Illinois.....	386	4	Arkansas.....	208	3
Michigan.....	57	2	Louisiana.....	252	2
Wisconsin.....	25	0	Texas.....	75	6
WEST NORTH CENTRAL			MOUNTAIN		
Iowa.....	24	0	New Mexico.....	4	0
Missouri.....	79	1	PACIFIC		
Kansas.....	44	0	Washington.....	235	0
SOUTH ATLANTIC			Oregon.....	32	0
Delaware.....	16	0	California.....	2,167	4
Maryland.....	3	0	Total.....	16,632	57
Virginia.....	.....	1			

¹ Exclusive of New York City.

State	Meningo- coccus men- ingitis (18)		Tuberculo- sis (respira- tory system) (23)		Tuberculo- sis (all forms) (23-32)		Syphi- lis (34)		Gonor- rhea (35)		Malaria (38)		Chicken- pox (44a)	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
NEW ENGLAND														
Maine.....	18	12	466	244	676	287	615	672	4	1	2,659	0	.....	.....
New Hampshire.....	6	256	121	.....	143	184	148	.....	0	0	565	0	.....	.....
Vermont.....	8	.....	165	.....	200	.....	245	317	.....	0	1,893	0	.....	.....
Massachusetts.....	166	72	3,534	1,761	3,897	1,887	6,207	5,955	15	2	12,840	8	.....	.....
Rhode Island.....	39	15	541	307	1,427	319	1,113	688	.....	0	1,336	1	.....	.....
Connecticut.....	33	13	1,302	601	1,384	654	2,828	1,496	5	0	6,186	0	.....	.....
MIDDLE ATLANTIC														
New York.....	422	154	14,944	6,815	16,051	7,311	104,331	25,310	110	28	27,684	12	.....	.....
New Jersey.....	111	46	.....	1,922	4,285	2,091	8,910	3,563	27	0	15,271	7	.....	.....
Pennsylvania.....	329	161	.....	4,496	.....	4,880	18,333	2,698	17	10	36,480	11	.....	.....
EAST NORTH CENTRAL														
Ohio.....	272	125	.....	2,992	6,254	3,227	14,686	4,565	25	7	17,009	6	.....	.....
Indiana.....	108	58	2,512	1,454	2,787	1,645	2,684	1,268	.....	21	2,922	0	.....	.....
Illinois.....	226	95	7,850	3,620	9,064	3,995	24,376	15,998	207	38	16,136	9	.....	.....
Michigan.....	87	39	.....	1,861	6,469	2,120	8,709	7,075	110	4	16,581	0	.....	.....
Wisconsin.....	44	21	.....	941	1,936	1,019	636	1,553	6	0	19,277	4	.....	.....
WEST NORTH CENTRAL														
Minnesota.....	68	23	.....	816	3,381	912	3,518	3,336	3	0	5,758	5	.....	.....
Iowa.....	37	28	634	458	639	537	3,626	2,442	12	2	2,222	0	.....	.....
Missouri.....	106	49	2,013	2,417	2,174	5,389	3,195	1,277	93	2,863	4	.....	.....
North Dakota.....	25	13	.....	146	236	178	422	599	.....	0	928	1	.....	.....
South Dakota.....	33	8	.....	236	.....	259	581	344	1	0	821	3	.....	.....
Nebraska.....	38	15	.....	233	.....	261	999	1,122	.....	0	1,216	1	.....	.....
Kansas.....	56	26	835	452	965	498	1,952	863	24	3	4,374	2	.....	.....

NOTE.—Figures in parentheses are disease title numbers from the International List of Causes of Death, 1929.

EAST
Kentucky
Tennessee
Alabama
MississippiWEST
Arkansas
Louisiana
Oklahoma
TexasWashington
Oregon
California

1929.

South
Georgia
FloridaAlabama
Mississippi

NOT

Cases and deaths reported, 1937, by States—Continued

State	Meningo-		Tuberco-		Tuberco-		Syphi-		Gonor-		Malaria		Chicken-	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases		Cases		Cases	Deaths	Cases	Deaths
SOUTH ATLANTIC														
Delaware.....	11	4	135	163	145	2,351	533	2	0	538	1			
Maryland.....	172	47	3,084	1,321	3,207	1,409	10,071	3,523	17	1	5,060	5		
District of Columbia.....	81	30	1,321	524	1,406	596	2,294	2,032	-----	0	1,049	0		
Virginia.....	336	146	1,608	2,392	1,758	12,818	3,898	227	9	2,615	4			
West Virginia.....	214	89	900	1,608	993	3,460	1,209	6	1	1,606	4			
North Carolina.....	169	41	1,732	2,632	1,888	29,845	6,726	-----	95	5,409	3			
South Carolina.....	18		874	1,082	946	4,688	4,806	17,357	262	1,598	2			
Georgia.....	95	35	1,420	2,984	1,540	18,717	5,967	6,126	235	1,550	3			
Florida.....	168	66	885	-----	966	14,523	2,413	894	205	974	1			
EAST SOUTH CENTRAL														
Kentucky.....	410	93	1,931	-----	2,100	5,063	2,957	91	38	2,171	0			
Tennessee.....	198	74	2,202	3,581	2,451	9,372	4,360	1,183	104	1,657	3			
Alabama.....	338	122	1,642	3,021	1,786	15,947	4,382	4,590	220	1,370	1			
Mississippi.....	44	26	1,235	-----	1,300	23,480	29,439	47,883	301	5,734	0			
WEST SOUTH CENTRAL														
Arkansas.....	78	34	1,000	-----	1,074	6,833	3,543	4,448	389	612	1			
Louisiana.....	78	27	2,282	1,410	1,527	3,699	1,327	1,208	182	212	2			
Oklahoma.....	127	53	1,145	1,241	5,271	4,150	1,385	84	732	732	2			
Texas.....	241	94	3,796	-----	4,136	15,417	5,156	20,026	346	6,035	0			
MOUNTAIN														
Montana.....	23	7	212	486	229	626	444	-----	0	1,767	0			
Idaho.....	20	5	272	87	298	102	539	496	4	0	1,099	0		
Wyoming.....	11		39	-----	43					0	481	0		
Colorado.....	52	19	683	-----	734	982	568	-----	4	1,899	0			
New Mexico.....	21	5	455	1,392	478	1,410	490	39	0	639	1			
Arizona.....	41	19	1,241	1,162	1,065	643	1,240	41	3	880	1			
Utah.....	17	9	115	87	130	102	14	165	2	1	3,148	0		
Nevada.....	0		-----	89	-----	-----	-----	-----	0	189	0			
PACIFIC														
Washington.....	55	22	-----	1,569	769	3,629	4,730	-----	0	6,309	1			
Oregon.....	19	9	311	740	361	1,106	2,298	37	1	1,836	1			
California.....	247	102	7,607	4,057	8,149	4,428	21,921	20,698	172	10	28,917	6		
Total.....	5,484	2,183	47,555	61,345	97,870	68,865	425,062	200,657	107,583	2,700	281,107	116		

¹For six months only.**YELLOW FEVER (37)**

No case of yellow fever or death from this disease was reported in continental United States during the year 1937.

DENGUE (PART 44C)

State	Cases	Deaths	State	Cases	Deaths
SOUTH ATLANTIC					
South Carolina.....	37	0	-----	-----	-----
Georgia.....	12	0	-----	-----	-----
Florida.....	5	1	-----	-----	-----
EAST SOUTH CENTRAL					
Alabama.....	3	1	-----	-----	-----
Mississippi.....	35	1	Total.....	350	3
WEST SOUTH CENTRAL					
Texas.....	-----	-----	257	0	
PACIFIC					
California.....	-----	-----	1	0	

NOTE.—Figures in parentheses are disease title numbers from the International List of Causes of Death, 1929.

Cases and deaths reported, 1937, by States—Continued

State	Mumps (part 44c)	Rocky Mountain spotted fever (part 44c)		Tularaemia (part 44c)	Pellagra (62)	Pneumonia (all forms) (107-109)		Septic sore throat (115a)		
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
NEW ENGLAND										
Maine	2,741	2	0	0	0	3	1	1,168	788	11
New Hampshire	195	1	0	0	0	2	1	438	394	21
Vermont	3,064	0	0	0	0	13	15	322	4,174	195
Massachusetts	5,504	0	0	1	0	0	0	645	59	1
Rhode Island	186	2	4	0	0	5	3,639	1,188	240	6
Connecticut	4,442	0	0	0	0	5	1,188	240	6	
MIDDLE ATLANTIC										
New York	3	2	0	7	0	26	35	488	11,374	884
New Jersey	7,999	0	8	2	5	0	9	5,679	2,942	—
Pennsylvania	22,167	5	2	0	7	0	15	8,597	—	317
EAST NORTH CENTRAL										
Ohio	2,796	7	2	0	80	10	19	6,255	5,784	1,105
Indiana	1,056	0	1	0	33	1	18	—	3,304	135
Illinois	6,501	4	6	1	109	5	15	14,970	5,512	255
Michigan	13,228	0	—	0	25	0	3	4,590	4,101	397
Wisconsin	6,028	1	—	0	10	0	5	1,982	—	1,235
WEST NORTH CENTRAL										
Minnesota	0	—	0	30	2	3	3	2,632	2,057	135
Iowa	824	2	17	3	11	0	6	1,737	10	
Missouri	879	2	—	0	87	5	20	4,392	570	58
North Dakota	524	0	1	0	—	0	0	451	—	7
South Dakota	91	1	2	—	—	0	0	485	21	16
Nebraska	979	2	—	0	—	0	3	847	71	57
Kansas	6,463	0	—	0	22	0	7	2,349	1,126	49
SOUTH ATLANTIC										
Delaware	307	0	1	0	1	0	0	255	4	0
Maryland	4,866	0	33	6	23	2	14	9	3,455	1,804
District of Columbia	0	7	4	10	0	5	5	1,041	761	10
Virginia	2,621	8	54	9	49	6	110	110	2,623	167
West Virginia	453	2	2	4	0	0	11	—	1,735	40
North Carolina	0	29	4	13	1	576	327	—	2,945	125
South Carolina	767	1	0	21	1	2,263	259	4,946	1,621	46
Georgia	1,555	1	—	0	51	2	836	370	6,218	3,077
Florida	744	1	—	0	10	1	115	103	—	64
EAST SOUTH CENTRAL										
Kentucky	2,922	0	1	0	68	2	75	—	2,739	130
Tennessee	1,343	0	11	2	39	4	277	204	3,068	2,761
Alabama	1,496	2	—	0	17	0	—	311	4,446	37
Mississippi	6,865	1	—	0	—	2	3,699	236	—	1,850
WEST SOUTH CENTRAL										
Arkansas	306	3	0	22	0	463	148	—	1,804	128
Louisiana	120	5	0	42	3	159	101	3,607	2,297	74
Oklahoma	141	2	—	0	10	0	148	102	2,069	1,958
Texas	8,177	0	2	1	43	0	1,676	508	6,104	5,260
MOUNTAIN										
Montana	2,654	0	31	4	11	0	1	0	737	131
Idaho	901	3	46	7	2	0	—	0	589	382
Wyoming	825	0	72	19	4	0	—	0	261	43
Colorado	407	0	17	8	1	1	—	3	1,282	22
New Mexico	417	0	2	1	8	0	18	16	1,041	40
Arizona	674	0	—	0	—	0	11	4	1,250	713
Utah	1,486	0	12	4	41	2	—	0	634	334
Nevada	209	0	8	2	8	0	—	0	147	130
PACIFIC										
Washington	4,633	1	1	0	0	—	3	1,261	626	22
Oregon	652	0	48	4	8	0	1	1	2,230	680
California	22,169	2	5	1	27	0	126	75	4,422	5,010
Total	153,380	60	431	86	960	50	10,508	3,162	119,613	110,068
									6,329	2,282

1 Lobar pneumonia only; not included in the totals.

NOTE.—Figures in parentheses are disease title numbers from the International List of Causes of Death, 1929.